

MILITARY SPECIFICATION

SEMICONDUCTOR DEVICE, SILICON,  
VOLTAGE REFERENCE (TEMPERATURE-STABLE)  
TYPE 1N430A, 1N430B

This amendment forms a part of Military Specification MIL-S-19500/335(EL) 1/, 28 June 1965, and is approved by the US Army Electronics Research and Development Command, Department of the Army, and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 1

- \* After title, add the following:

" Inactive for new design after  
the date of this amendment "

PAGE 3

- \* 3.6, add the following new paragraph:

"3.6 Manufacture eligibility. To be eligible to supply transistors to this specification, the manufacturer shall have a product assurance program approval in accordance with MIL-S-19500 for at least one line."

- \* 4.2 and 4.2.1, delete and substitute:

"4.2 Qualification and acceptance inspection. Qualification inspection shall not be required. Acceptance inspection shall be in accordance with MIL-S-19500 and as specified herein. Group A and B inspection shall consist of the examinations and tests specified in tables I and II, respectively.

4.2.1 Sampling plan. The sampling plan shall be on a 100 percent basis for group A and the LTPD plan for group B."

- \* 4.2.2, delete in its entirety.

PAGE 4

- \* 4.2.3, delete in its entirety.

PAGE 5

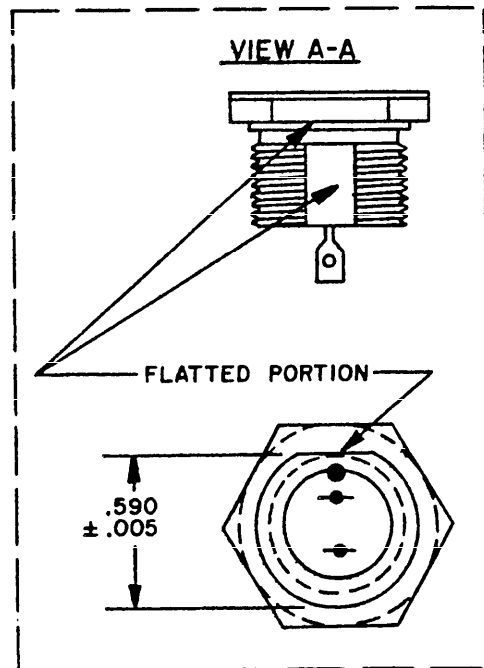
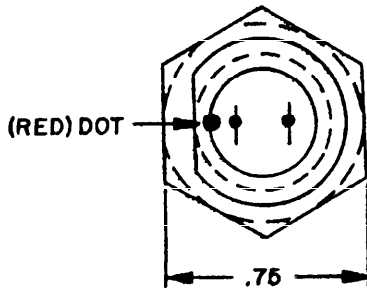
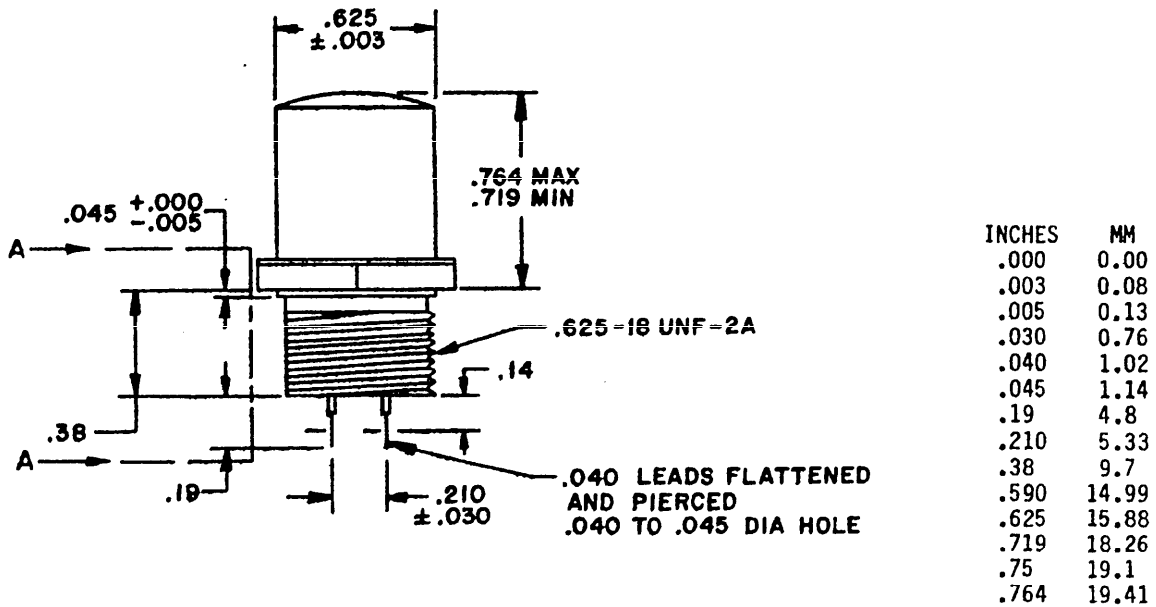
- \* Table I, LTPD column, delete in its entirety.

PAGE 9

Figure 1, delete and substitute new figure 1 as printed on page 2 of this amendment.

1/ Activity EL changed to ER.

MIL-S-19500/335(ER)  
AMENDMENT 2



NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerances are  $\pm 0.005$  (0.13 mm) on three place decimals and  $\pm 0.02$  (0.5 mm) on two place decimals.

FIGURE 1. Physical dimensions.

PAGE 10

Add the following new paragraph:

"6.2.1 Replacement and installation factors. The recommendation in 6.2 above will require consideration of differentiated chassis-or-panel mounting provision for the diodes concerned (1N430, 1N430B being of different construction than the 1N3154, 1N3155, 1N3156, 1N3157). Relative to use of diodes 1N430A, 1N430B with the flattened mounting stud, particular attention should be given to the fact that chassis or panels prepared for only such (flatted) mounting will not be directly adaptable for replacement-mounting of previous-design (unflatted round stud) diodes 1N430A, 1N430B."

NOTE: The margins of this amendment are marked with asterisks to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

Custodian:  
Army - ER

Preparing activity:  
Army - ER

Review activities:  
Army - MI  
DLA - ES

(Project 5961-A899)

Agent:  
DLA - ES